



## Department of Energy

Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

00-RU-0498

Mr. Philip O. Strawbridge  
Transition Manager  
BNFL Inc.  
3000 George Washington Way  
Richland, Washington 99352

Dear Mr. Strawbridge:

### REGULATORY UNIT (RU) APPROVAL OF AUTHORIZATION BASIS AMENDMENT REQUEST, ABCN-W375-00-00038, COMPACTION STANDARDS

On the basis of the enclosed safety evaluation, the DOE Regulatory Unit (RU) approves Authorization Basis Amendment Request, ABCN-W375-00-00038 to the Safety Requirements Document (SRD) of the River Protection Project Waste Treatment Plant (RPP-WTP). The amendment is in response to your application in BNFL letter CCN 014239 from A. J. Dobson, "Contract No. DE-AC27-96RL13308-W375-Request to Amend the Authorization Basis Impacting the Safety Requirements Document (SRD), ABCN-W375-00-00038, Compaction Standards," dated June 26, 2000.

The amendment adds three standards (ASTM D3740, ASTM D2922, ASTM D3017) to SRD Safety Criterion 4.1-2. The three standards address the laboratory and field testing requirements for soil compaction and establish controls for assessing structural fill for important to safety structures of the RPP-WTP facility. Based on the attached Safety Evaluation Report, the RU has concluded that there is reasonable assurance that the safety of the public and workers will not be adversely affected by this proposed amendment.

As a part of the amendment implementation process, please submit within 14 days of receipt of this letter the revised page(s) of the SRD and a SRD revision page identifying all SRD revisions to date. This amendment is effective immediately and shall be fully implemented within 30 days (i.e., the provisions of the amendment may be used immediately; within 30 days, controlled copies of the SRD and subordinate documents will be modified to reflect the changes associated with this amendment). Please advise the RU if you are unable to complete this task prior to contract termination.

P. O. Strawbridge  
00-RU-0498

-2-

Nothing in this letter should be construed as changing the Contract (DE-AC27-96RL13308). If you have any questions, please contact me or George Kalman of my staff on (509) 372-0652.

Sincerely,

D. Clark Gibbs, Regulatory Official  
Office of Safety Regulation  
of the RPP-WTP Contractor

REG:KC

Enclosure

cc w/encl:  
M. P. DeLozier, CHG